

2nd Mechanical Engineering AI and IoT Exhibition 2024

The Department of Mechanical Engineering introduced the AI and IoT course as an elective in the Mechanical Engineering Curriculum last year. In support of this initiative, the Intelligent Mechanical Engineering Systems Lab (IMEC) was established within the department. Recently, IMEC Lab hosted the 2nd AI and IoT Exhibition on January 11th, 2024, presenting an impressive showcase of projects and posters developed by students. The event was further enriched with the inclusion of the AI & IoT Quiz competition, adding an exciting dimension to the overall showcase.

This year's exhibition featured a diverse collection of 43 IoT-based projects across four different themes: Smart Energy Management System, Smart Parking System, Water Suction System, and Air Monitoring System. These projects integrated AI algorithms with three distinct datasets. The projects, characterized by their innovation and diversity, garnered widespread attention and appreciation, showcasing the students' dedication and hard work. Notably, students also presented Dashboards on Tableau as part of their contributions.

A significant milestone was reached with the successful securing of sponsorship from the ASHRAE Pakistan Chapter, highlighting the growing recognition of the program's importance and impact.

In expressing gratitude for the collective effort, organizers, including Associate Professor Dr. Haider Ali (In-charge of IMEC Lab and course teacher) and Lecturer Syed Umair Hassan Kazmi (course teacher), acknowledged key figures who played pivotal roles in the success of the event. Special recognition was extended to Vice Chancellor Dr. Sarosh Hashmat Lodi, Pro-Vice Chancellor Prof. Dr. Muhammad Tufail, CEO of Engineering Services Mr. Mohammad Abbas Sajid, Dean of Mechanical and Manufacturing Engineering Prof. Dr. Syed Amir Iqbal, and Chairman of the Department of Mechanical Engineering Prof. Dr. Mubashir Ali Siddiqui for their unwavering support and presence at the exhibition.

The organizers expressed immense pride in the students' accomplishments and extended their best wishes for their future endeavors. The event stands as a testament to the continuous growth and excellence in the field of AI and IoT at NED University.

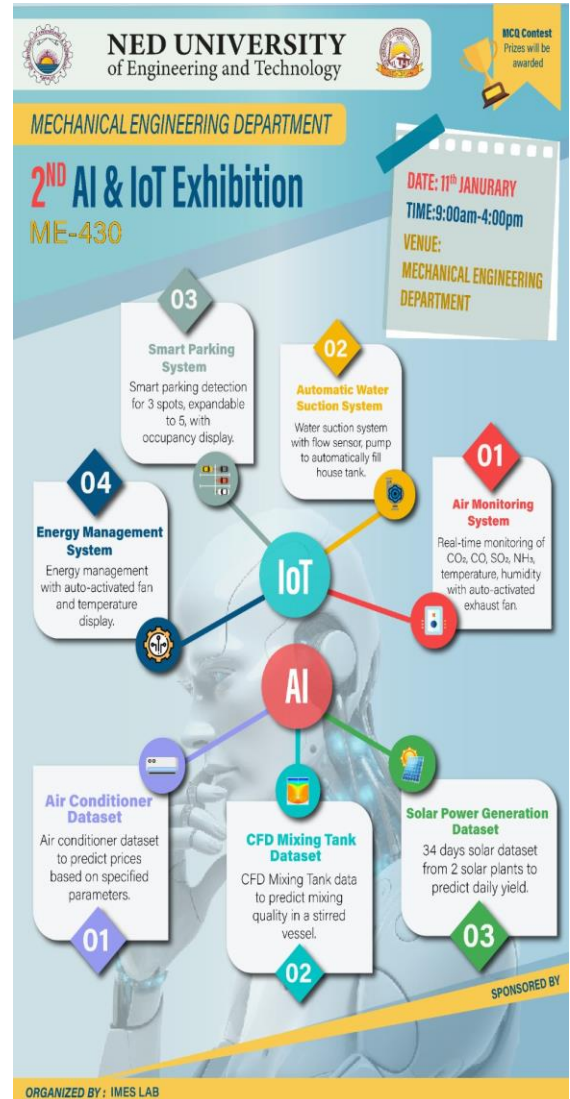


Figure 1. 2nd Mechanical Engineering AI & IoT Exhibition